



FEMA

Lessons Learned Information Sharing *LLIS.gov*

Sharing Information
Enhancing Preparedness
Strengthening Homeland Security

LLIS.gov Resources for Geographic Information Systems

A TOOL FOR ENHANCING NATIONAL PREPAREDNESS

Lessons Learned Information Sharing (LLIS.gov) is a US Department of Homeland Security/Federal Emergency Management Agency program. *LLIS.gov* serves as the national, online network of lessons learned, best practices, and innovative ideas for the emergency response and homeland security communities. This information and collaboration resource helps emergency response providers and homeland security officials prevent, protect against, respond to, and recover from terrorist attacks, natural disasters, and other emergencies. *LLIS.gov* provides Federal, State, and local responders with a wealth of information and front-line expertise on effective planning, training, and operational practices across homeland security functional areas.

LLIS.gov at a Glance

- Online since April 19, 2004
- Over 50,000 registered members
- Over 14,000 documents, including more than 1,700 state and local plans, 700 after-action reports, and 900 original content documents
- Secure message boards and collaboration tools
- Targeted information on current homeland security topics

Geographic Information Systems

Geographic Information Systems (GIS) are invaluable for emergency preparedness and response efforts. Responders are increasingly using GIS to access real-time, spatially-referenced information for tracking diseases, sheltering victims, evacuating populations, protecting infrastructure, and conducting disaster assessments, among other uses. *LLIS.gov* has created this page as a single source of original research, documents, and other information on GIS use by emergency planners and responders. The *LLIS.gov* team is interested in collecting additional input and new ideas from emergency responders and GIS professionals on GIS applications for emergency management.

LLIS.gov needs your help: Active feedback and input from our members enables *LLIS.gov*'s continued expansion and helps us meet the ever-changing needs of the emergency response community. Please take time to improve your community: submit After-Action Reports, Practice Notes, Lessons Learned, plans, templates, strategies, and other relevant information.

Submit Lessons Learned and Innovative Practices **Submit Plans, After-Action Reports, and Other Documents** **Email Comments, Experiences, and Observations**

GIS RESOURCE LIBRARY

Critical Infrastructure Protection

- New York City Office of Emergency Management's Deep Infrastructure Group
- Large-Scale Building Collapse: Color-Coded Overlay Maps and Computer Models
- Use of GIS for Soil Response Planning to Protect a Critical Watershed: This report details how GIS technology can be utilized to protect a drinking water source. The GIS application created by Eugene, Oregon assists emergency responders in both the planning and response phases of a spill event.
- Spatial Information Technologies in Critical Infrastructure Protection: This document establishes a research agenda for exploring the potential uses of geospatial technology in identifying and preserving Critical Transportation Infrastructure.

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DHS Geospatial Data Model Latest Version Open for Review!

LLIS.gov currently is hosting Version 1.2 of the Department of Homeland Security (DHS) Geospatial Data Model developed by the DHS Geospatial Management Office. To view and comment on the geospatial model, please click here.

What's New in GIS?

- **Geospatial Intelligence Standards: Enabling a Common Vision**
National Geospatial-Intelligence Agency
This document defines a common baseline of geospatial intelligence standards for the defense and intelligence communities as provided through the National Geospatial-Intelligence Agency's Geospatial Intelligence Standards Roadmap.

GEOGRAPHIC INFORMATION SYSTEMS RESOURCES

LLIS.gov currently is hosting Version 1.2 of the Department of Homeland Security's Geospatial Data Model, developed by the DHS Geospatial Management Office. In addition, the Geographic Information Systems (GIS) Resource Library includes GIS-related documents on topics such as:

- Critical infrastructure protection;
- Hurricane preparedness;
- Natural hazards planning;
- Public health preparedness; and
- Sheltering and evacuation preparedness and planning.

GIS DOCUMENTS AVAILABLE ON LLIS.GOV

LLIS.gov's GIS page includes information that can help emergency and GIS professionals better prepare for large-scale disasters. The GIS page provides *LLIS.gov* members with a searchable directory of original research, documents, and other information on GIS, including:

- Assessing the Vulnerability of the Mississippi Gulf Coast to Coastal Storms Using an Online GIS-Based Coastal Risk Atlas;
- Colorado Department of Public Health and Environment's Pharmacy Health Alert Network (Good Story);
- Emergency Management: Providing GIS and Information Technology Resources to Emergency Operations Centers (Lesson Learned);
- Geospatial Intelligence Standards: Enabling a Common Vision;
- Hurricane Katrina: GIS Response for a Major Metropolitan Area;
- Large-Scale Building Collapse: Color-Coded Overlay Maps and Computer Models; and
- New York City Office of Emergency Management's Deep Infrastructure Group.

For more information on *LLIS.gov* or to register, please go to www.llis.gov.

LLIS.gov is a Department of Homeland Security/Federal Emergency Management Agency program and is supported by the NxT. For more information, please contact the *LLIS.gov* Help Desk at 866.276.7001 or Feedback@llis.dhs.gov.